

AMENDMENTS TO THE CLAIMS

1. - 24 (Canceled)

25. (Currently Amended) An isolated nucleic acid ~~consisting of~~ 19 to ~~440~~24 nucleotides wherein the sequence of the nucleic acid comprises:

- (a) at least 19 consecutive nucleotides of SEQ ID NO: ~~40068308~~159;
- (b) an RNA ~~equivalent of~~encoded by (a);
- (c) a sequence at least 80% identical to (a) or (b); or
- (d) the complement of any one of (a)-(c), wherein the complement is identical in length to the nucleic acid of (a)-(c).

26. (Currently Amended) The nucleic acid of claim 25, wherein the ~~at least 19 nucleotides is of a sequence selected from the group consisting of SEQ ID NOS: 6769403, 6821380, 6826827, 6842315, and 6863394~~nucleic acid is of the sequence of SEQ ID NO: 159.

27. (Canceled)

28. (Canceled)

29. (Currently Amended) ~~The An isolated~~ nucleic acid of ~~claim 25~~50-140 nucleotides, wherein the sequence of the nucleic acid ~~consists of~~comprises:

- (a) at least 19 consecutive nucleotides of SEQ ID NO: ~~40068308~~159;
- (b) an RNA ~~equivalent of~~encoded by (a);
- (c) a sequence at least 80% nucleotides identical to (a) or (b); or
- (d) the complement of any one of (a)-(c), wherein the complement is identical in length to the nucleic acid of (a)-(c).

30. (Currently Amended) The nucleic acid of claim 29, wherein the ~~at least 19 nucleotides is of a sequence selected from the group consisting of SEQ ID NOS: 6769403, 6821380, 6826827, 6842315, and 6863394~~nucleic acid is of the sequence of SEQ ID NO: 6821380.

31. - 34 (Canceled)

35. (Currently Amended) A vector comprising ~~an insert, wherein an insert consists of~~ the nucleic acid of claim 25.

36. (Currently Amended) A vector comprising ~~an insert, wherein an insert consists of~~ the nucleic acid of claim ~~25~~26.

37. (Currently Amended) A ~~probe vector~~ comprising ~~an insert, wherein an insert consists of~~ the nucleic acid of claim ~~25~~29.

38. (Currently Amended) A ~~probe vector~~ comprising ~~an insert, wherein an insert consists of~~ the nucleic acid of claim ~~29~~30.